



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
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AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation

Waste Management Division
103 South Main Street/West Office
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September 5, 1997

VICTOR GAUDETTE
GAUDETTE'S MARKET
RR2 Box 1140
FAIRFAX VERMONT 05454

RE: Site Management Activity Completed, Gaudette's Market, Georgia, Vermont
(Site #96-1996)

Dear Mr. Gaudette:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) received a soil screening report from Griffin International, Inc. on June 18 1997, in which a petition was made for giving the site a SMAC (Site Management Activity Completed) designation. At this site, the only petroleum contaminated soils found were those that were contaminated during the removal of a kerosene underground storage tank (UST) on May 7, 1996. During this process, a fuel dispenser line dripped into the excavation, and additional soils were contaminated by residual product pump out procedures. All soils in the excavation exhibiting volatile organic compound (VOC) concentrations in excess of 1.0 parts per million (ppm), as measured by a photoionization detector (PID), were removed, stockpiled, and polyencapsulated onsite. A total of approximately 36 cubic yards of soil was removed. Although groundwater was encountered at a depth of 8.5 feet below ground surface, it appears that there was no significant impact since all contaminated soils were immediately removed following the petroleum spills. According to Griffin International, Inc., there are no supply wells located in the area, with the exception of the onsite bedrock well. This well was sampled on August 19, 1996, for petroleum related compounds using EPA Method 8020. No detectable concentrations of contaminants were detected in the analysis. No other potential sensitive receptors were identified. On May 29, 1997, Griffin International, Inc. collected ten soil samples from hand auger holes within the soil stockpile. The average PID concentration of the soil stockpile was 0.7 ppm. The SMS granted permission to thin spread the soils at the site on June 20, 1997. On August 22, 1997, the SMS received confirmation that the soils had been thin spread.

Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:


- the kerosene UST has been removed, and is no longer a continuing source of petroleum contamination at this site;
- groundwater was not likely affected by the release, as any contamination was immediately removed following the spill;

(over)

- laboratory analysis of a water sample collected from the onsite bedrock well contained no evidence of petroleum contamination;
- approximately 36 cubic yards of petroleum contaminated soil was removed and successfully treated using the polyencapsulation treatment option;
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on the above, it appears that petroleum contamination was confined to the former UST locations and does not pose an unreasonable risk to human health and safety or the environment. Therefore, the SMS is assigning this site a SMAC designation. This designation does not release Victor Gaudette of any past or future liability associated with any petroleum contamination remaining in the ground from the removed UST. It does, however, mean that the SMS is not requesting any additional work at this time. If you have any questions or comments, please feel free to contact either Matt Moran or me at (802)-241-3888.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Georgia Selectboard
Georgia Health Officer
DEC Regional Office
Robert Higgins, Griffin International, Inc.

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